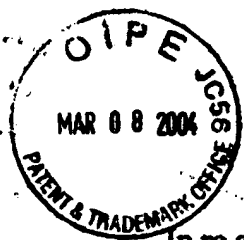


**(B) Drawing Correction**

Formal drawings are submitted herewith in response to Draftspersons objections on Form PTO 948. Figures 1-2 and 4 have been designated with the legend "Prior Art" as required in the Office Action. If the attached formal drawings are satisfactory it is requested that they be forwarded to the Draftsperson. A second copy of the drawings are submitted herewith for the convenience of the Examiner.



In the United States Patent and Trademark Office

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Technology Center 2100

In re application of:

Craig M. Jarchow

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§  
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Group Art Unit: 2123

Serial No: ~~09/855,925~~ 09/498,012

EET

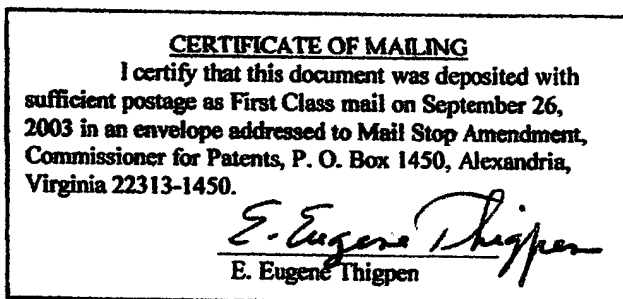
Examiner: Day, Herng Der

Filed: February 4, 2000

Attorney Docket No. APA-001

Title: System for Estimating Thickness of Thin Subsurface Strata

Official Draftsperson  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450



SUBMISSION OF FORMAL DRAWINGS

Sir:

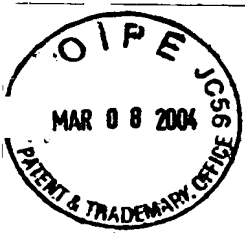
Attached are seven sheets of Formal Drawings which correct informalities noted on Form PTO 948, included with the Office Action having a mailing date of March 26, 2003. A three-month request for extension of time is also submitted herewith. A response to the Office Action and submission of corrected drawings is now due on or before September 26, 2003.

Respectfully submitted,

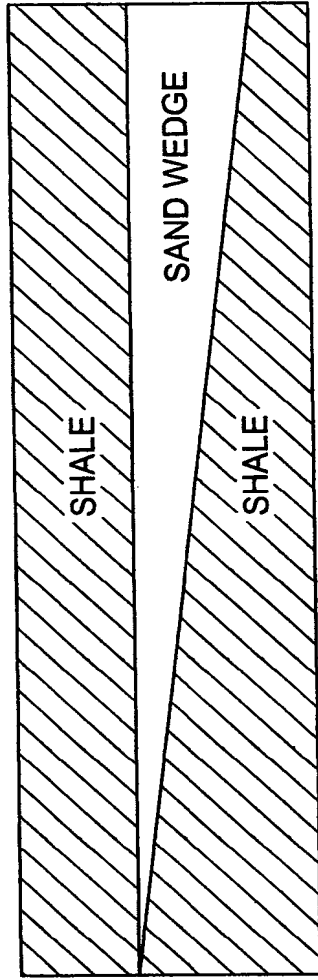
*E. Eugene Thigpen*

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P. O. Box 42427  
Houston, Texas 77242  
Tel: (713) 266-3134  
Fax: (713) 266-2017



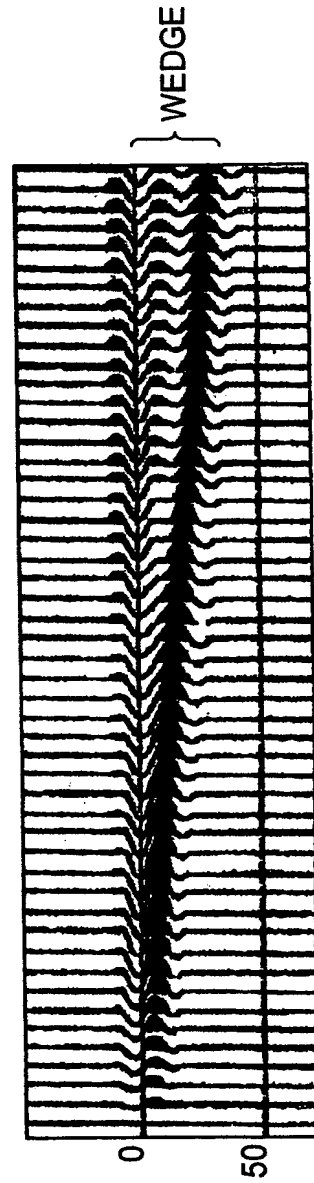
PRIOR ART



DEPTH

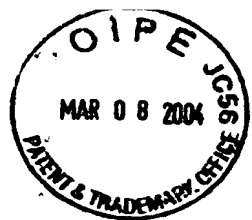
Fig. 1

PRIOR ART



TIME (MS)

Fig. 2



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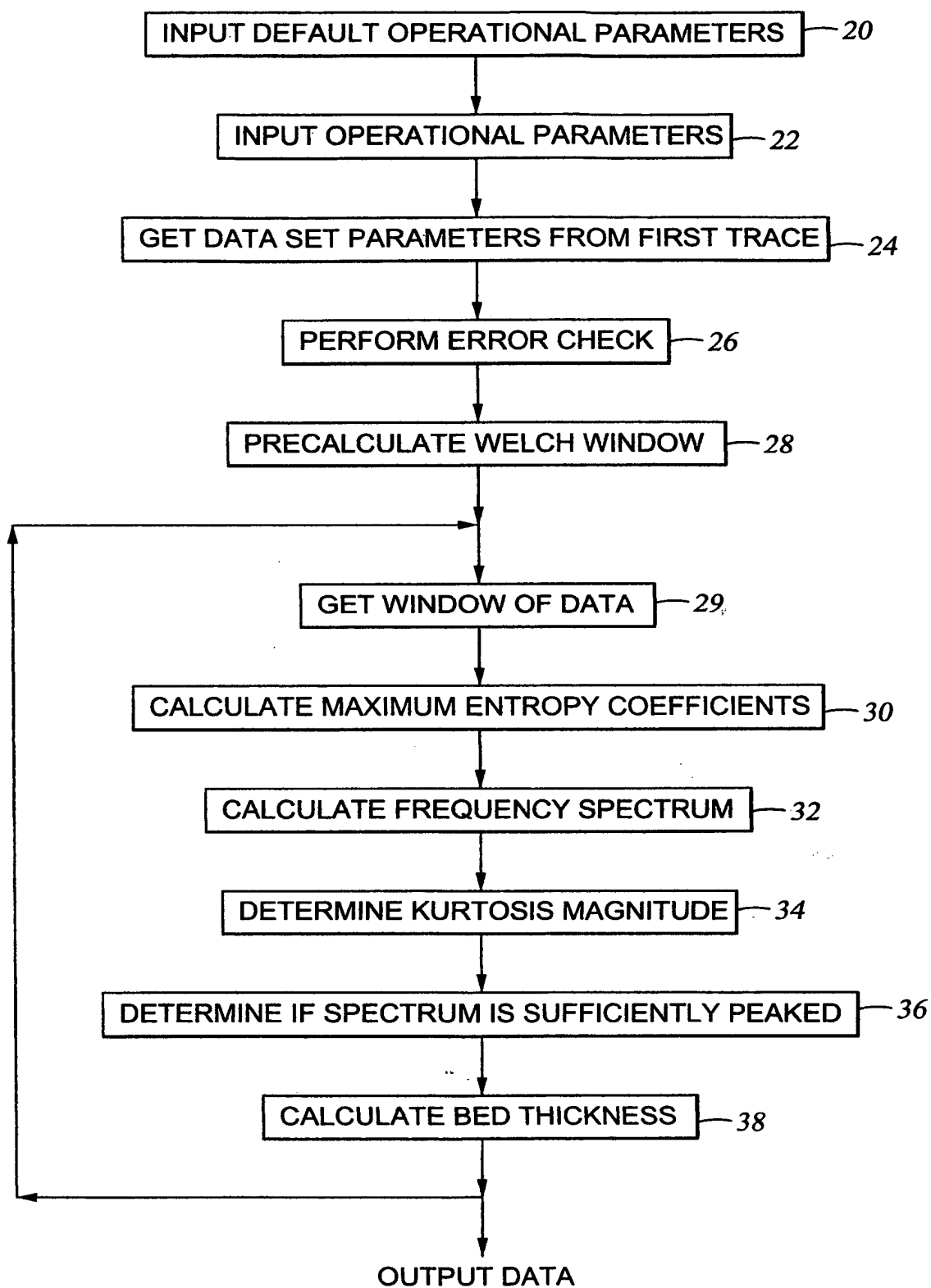
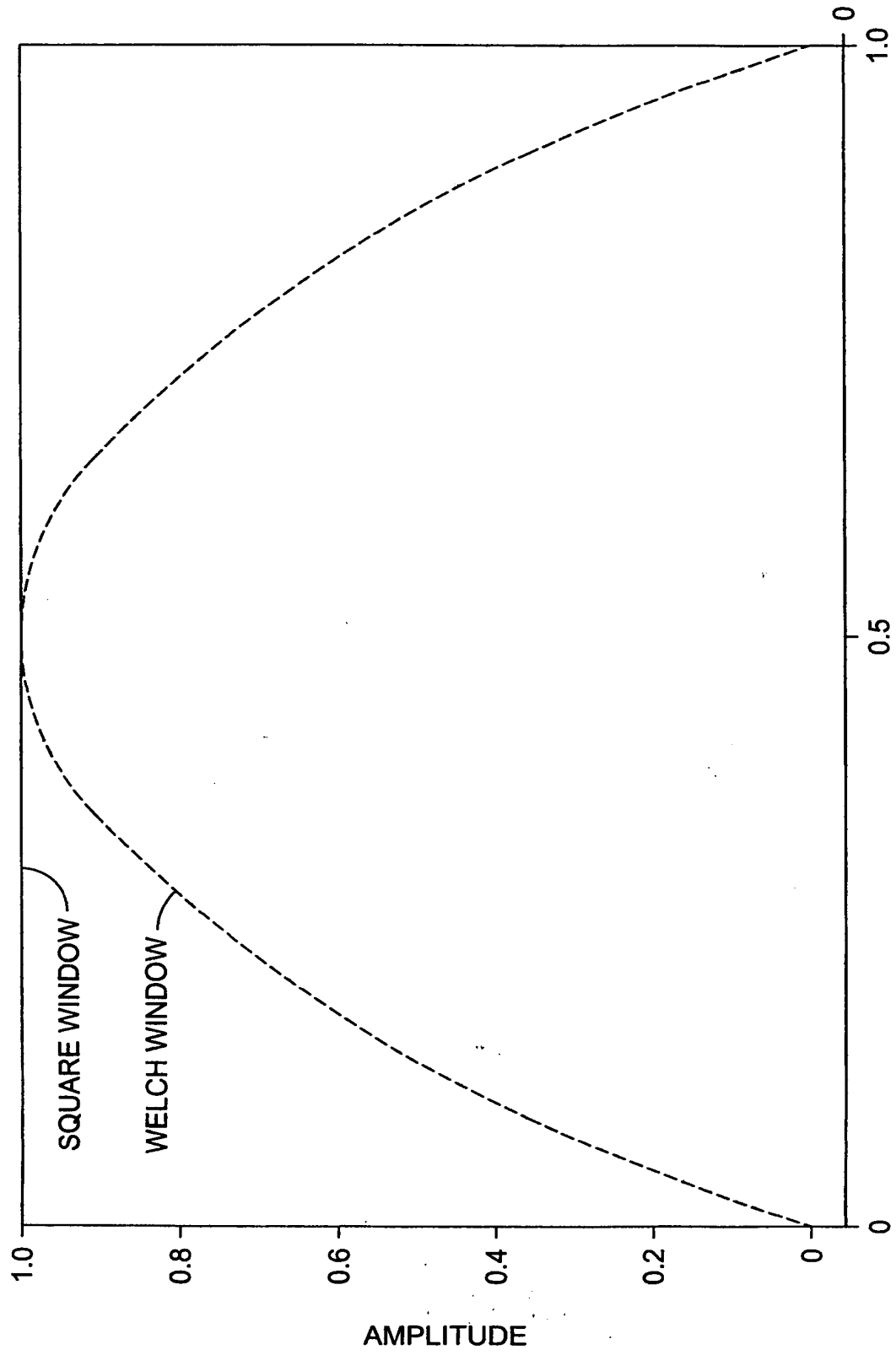
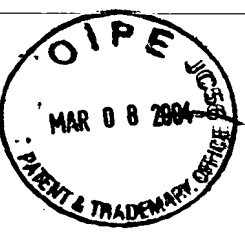


Fig. 3A

**System for Estimating Thickness of Thin Subsurface**  
**Craig M. Jarchow**  
**APA-001**



NORMALIZED WINDOW LENGTH

PRIOR ART

Fig. 4

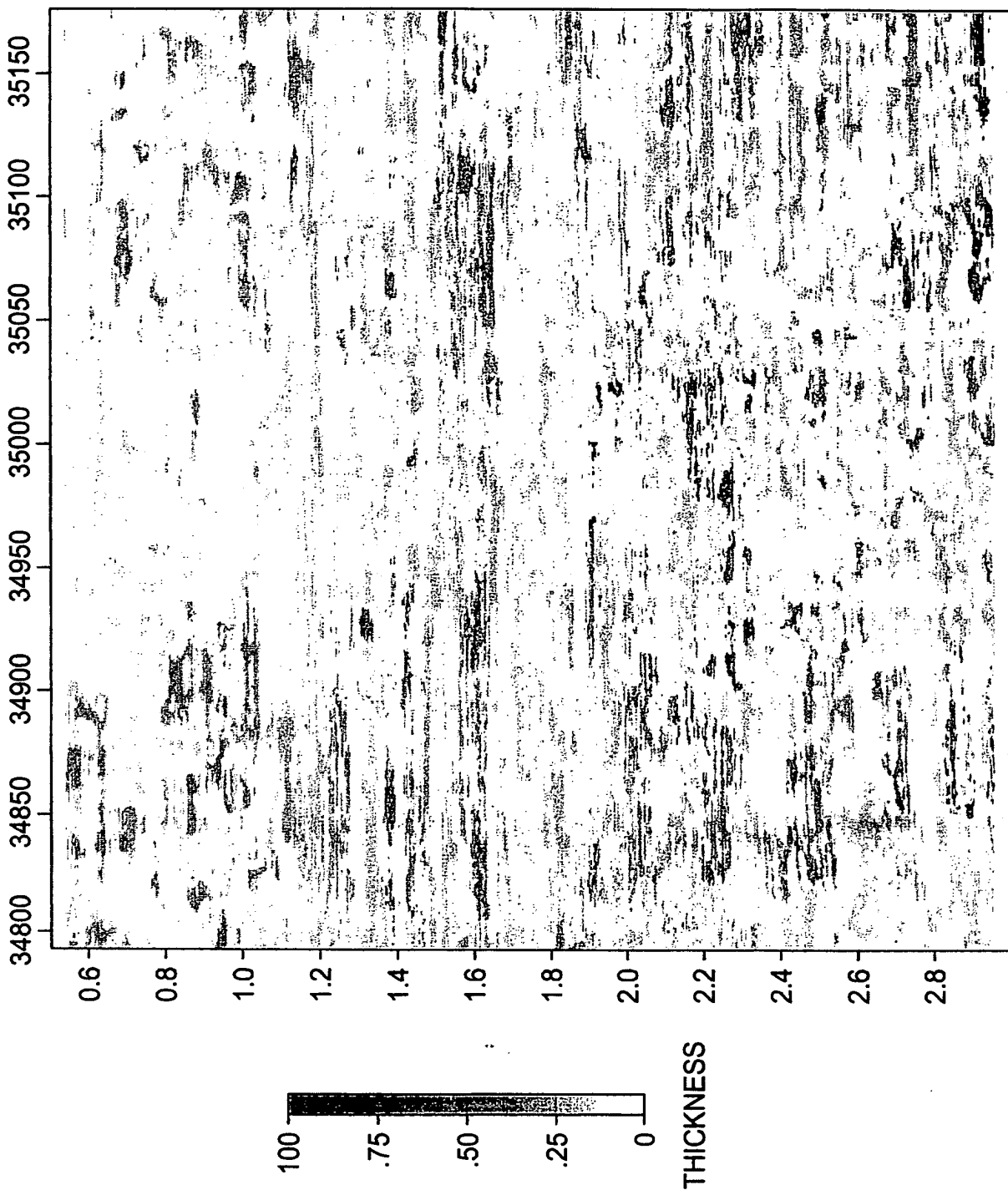
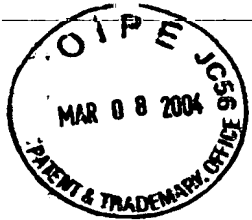
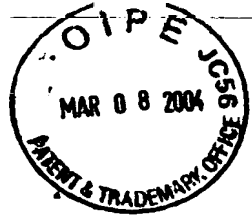


Fig. 5



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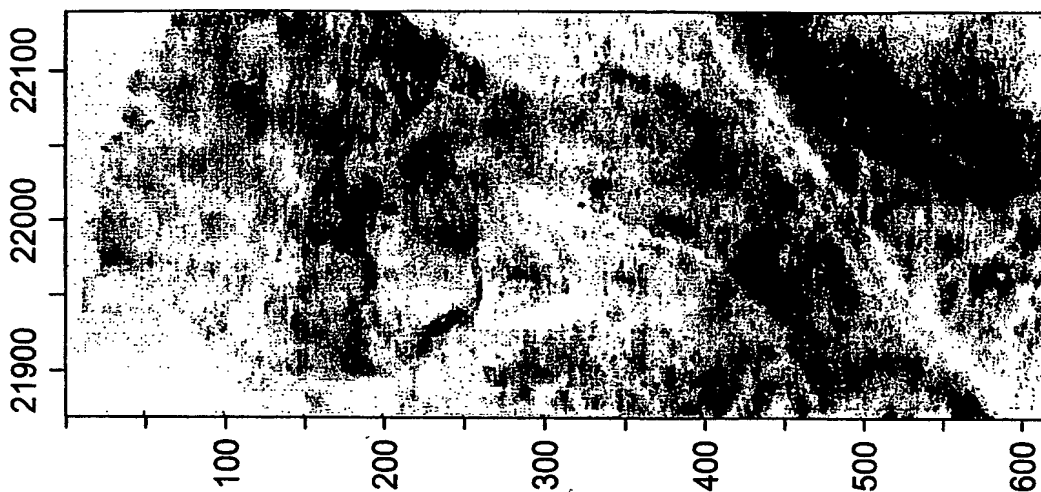


Fig. 6C

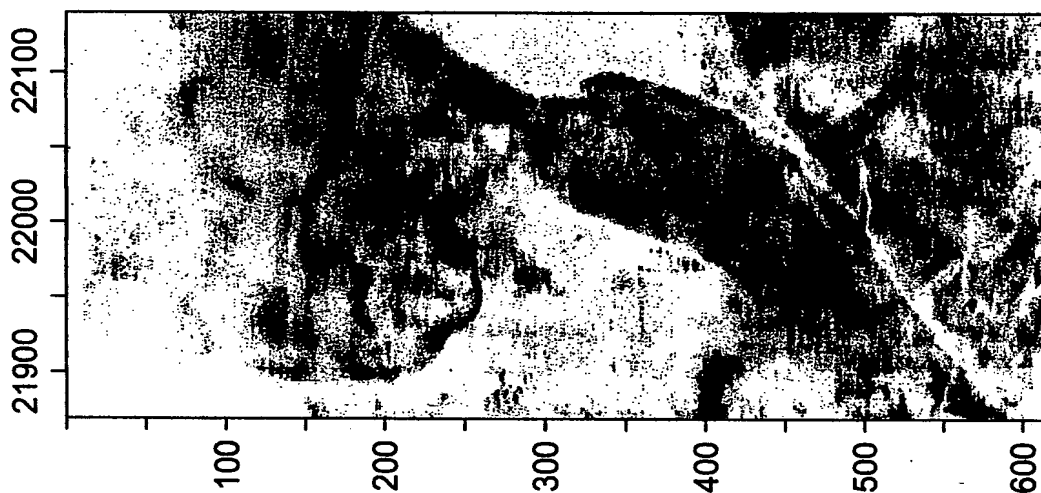


Fig. 6B

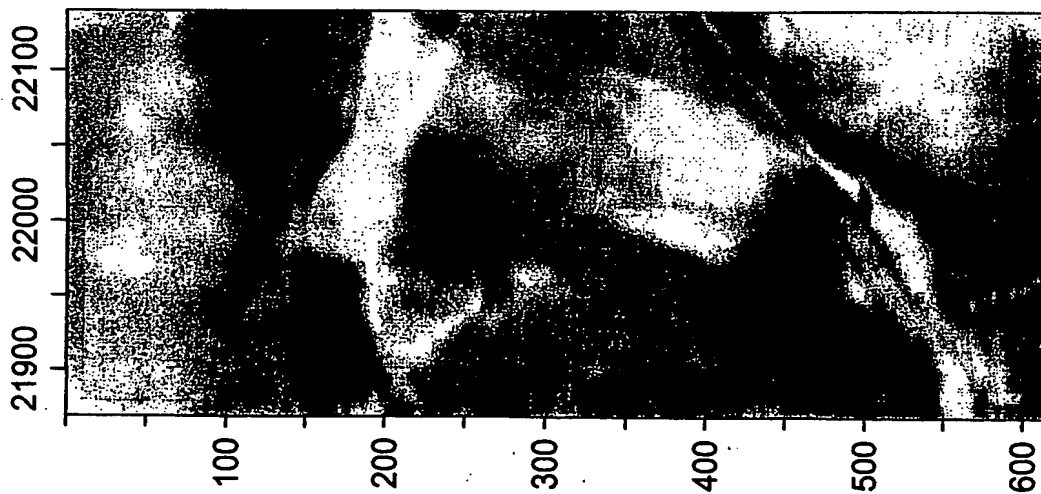
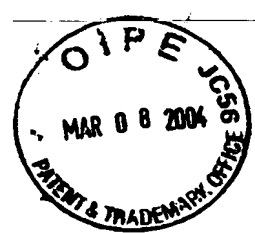
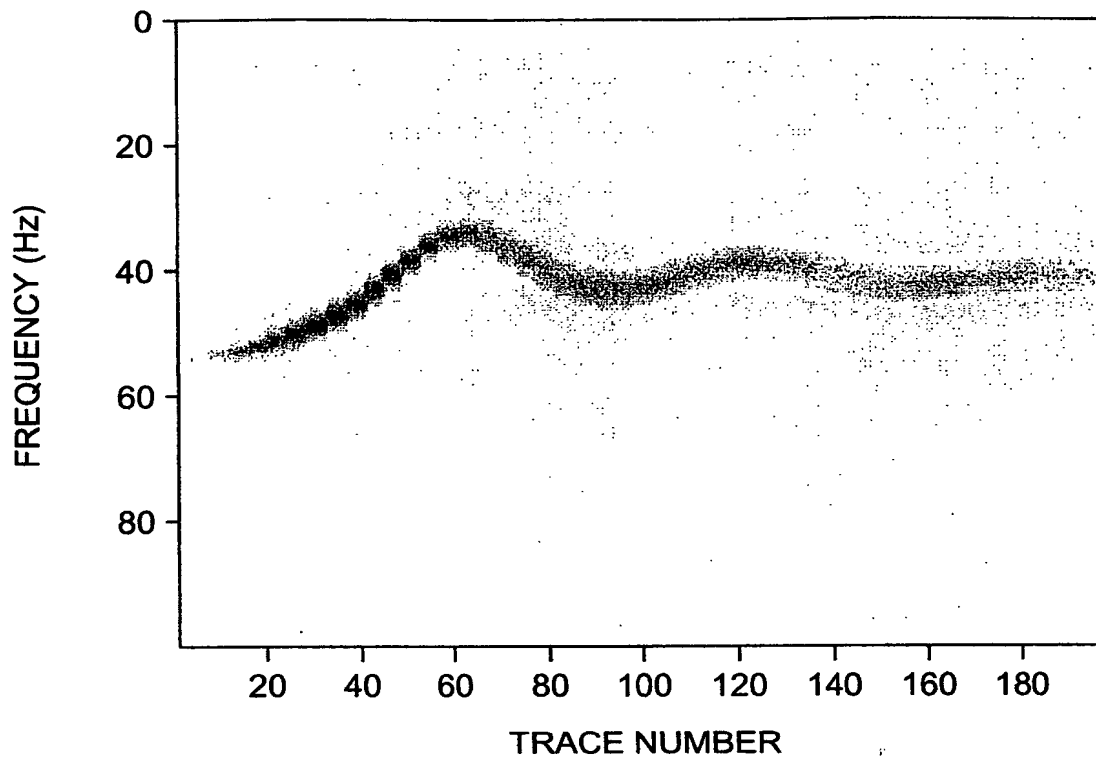


Fig. 6A

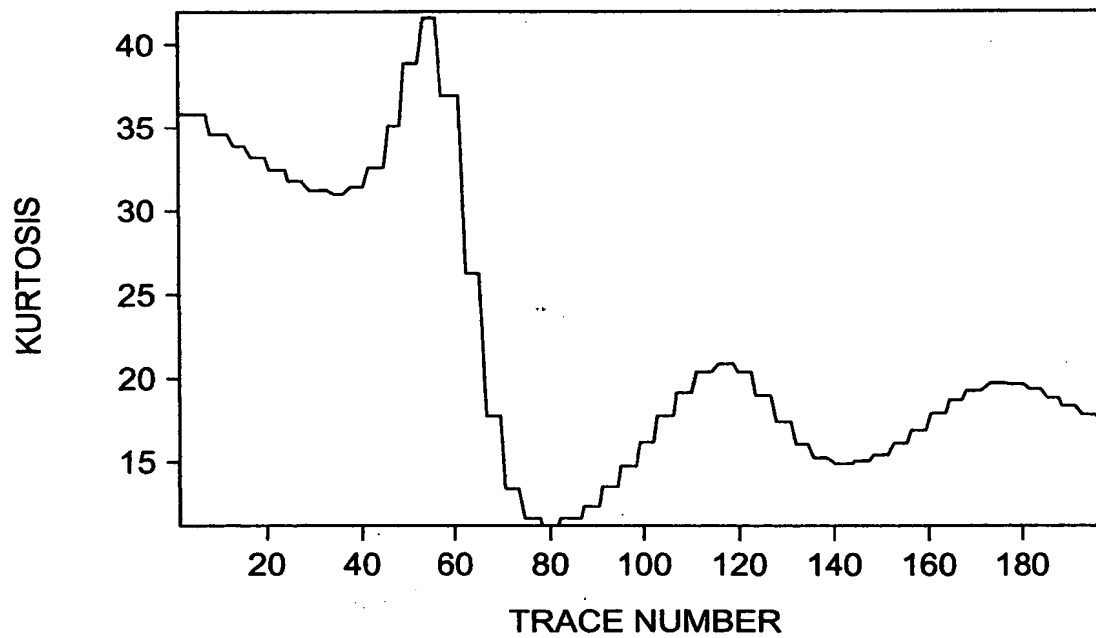




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*Fig. 7*



*Fig. 8*